

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.	SP02-180	Total Pages	2
First Named Inventor or Application Identifier Bickham et al.			
Title : LOW KAPPA, DUAL-MOTE DC FIBER AND OPTICAL TRANSMISSION LINE			
Express Mail Label No. EV327188427US			

CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10:

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is Addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

on 9/23/03
(Date)

Signature Randall S. Wayland

"EXPRESS MAIL" Mailing Label No. EV327188427US

Commissioner for Patents
ADDRESS TO:
P. O. Box 1450
Alexandria, VA 22313-1450

17497 U.S. PTO
10/668390
09/23/03

1. <input checked="" type="checkbox"/> *Fee Transmittal Form <i>(Submit an original and a duplicate for fee processing)</i>	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages 18]	6. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
- Descriptive title of the Invention	a. <input type="checkbox"/> Computer Readable Copy
- Cross References to Related Applications	b. <input type="checkbox"/> Paper Copy (identical to computer copy)
- Statement Regarding Fed sponsored R&D	c. <input type="checkbox"/> Statement verifying identity of above copies
- Reference to Microfiche Appendix	
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113) [Total Sheets 9]	7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
4. Oath or Declaration [Total Pages 2]	8. <input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
a. <input checked="" type="checkbox"/> Executed (original or copy)	9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 16 completed)</i>	10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	11. <input type="checkbox"/> Preliminary Amendment
	12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(should be specifically itemized)</i>
	13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
	14. <input type="checkbox"/> Other:

16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional. Continuation-in-part (CIP) of prior application No

Prior application information: Examiner: Group / Art Unit:

For **CONTINUATION or DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 22928 or Correspondence address below

ADDRESS	Corning Incorporated, SP-TI-3-1				
CITY	Corning	STATE	NY	ZIP CODE	14831
COUNTRY	USA	TELEPHONE	(607) 974-0463	FAX	(607) 974-3848
Name (Print/Type)	Randall S. Wayland	Registration No. (Attorney/Agent)	36,303		
Signature	<u>Randall S. Wayland</u>		Date	9/23/03	

 09/23/03 U.S. PTO	FEE TRANSMITTAL for FY 2001		Complete if Known	
			Application Number	To Be Assigned
			Filing Date	Herewith
			First Named Inventor	Bickham et al.
			Examiner Name	To Be Assigned
			Group / Art Unit	To Be Assigned
	TOTAL AMOUNT OF PAYMENT	(\$) 750.00	Attorney Docket Number	SP02-180

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-3325

Deposit Account Name Corning Incorporated

Charge Any Additional Fees Required Under 37 C.F.R. §§ 1.16 and 1.17

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION
1. BASIC FILING FEE

Large Entity	Fee Code (\$)	Fee Description	Fee Paid
	101	Utility filing fee	<u>750.00</u>
	106	Design filing fee	_____
	107	Plant filing fee	_____
	108	Reissue filing fee	_____
	114	Provisional filing fee	_____

SUBTOTAL (1) (\$)**750.00**

2. EXTRA CLAIM FEES

Extra Fee from	Fee from	Fee Paid
Claims below	Fee Paid	
Total Claims	20 - 20** =	x 18 = \$00.00

Independent	2 - 3** =	x 84 = \$00.00
-------------	-----------	----------------

Multiple Dependent + \$280.00 = \$0.00

**or number previously paid, if greater; For Reissues, see below

Large Entity

Large Entity	Fee Code (\$)	Fee Description
	103	Claims in excess of 20
	102	Independent claims in excess of 3
	104	Multiple dependent claim, if not paid
	109	** Reissue independent claims over original patent
	110	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

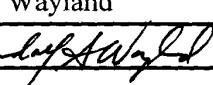
FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Fee Code (\$)	Fee Description	Fee Paid
	105	Surcharge - late filing fee or oath	_____
	127	Surcharge - late provisional filing fee or cover sheet	_____
	139	Non-English specification	_____
	147	For filing a request for reexamination	_____
	112	Requesting publication of SIR prior to Examiner action	_____
	113	Requesting publication of SIR after Examiner action	_____
	115	Extension for reply within first month	_____
	116	Extension for reply within second month	_____
	117	Extension for reply within third month	_____
	118	Extension for reply within fourth month	_____
	128	Extension for reply within fifth month	_____
	119	Notice of Appeal	_____
	120	Filing a brief in support of an appeal	_____
	121	Request for oral hearing	_____
	138	Petition to institute a public use proceeding	_____
	140	Petition to revive - unavoidable	_____
	141	Petition to revive - unintentional	_____
	142	Utility issue fee (or reissue)	_____
	143	Design issue fee	_____
	144	Plant issue fee	_____
	122	Petitions to the Commissioner	_____
	123	Petitions related to provisional applications	_____
	126	Submission of Information Disclosure Stmt	_____
	581	Recording each patent assignment per property (times number of properties) _____ x	_____
	146	Filing a submission after final rejection (37 C.F.R. § 1.129(a))	_____
	149	For each additional invention to be examined (37 C.F.R. § 1.129(b))	_____
		Other fee (specify) _____	_____
		Other fee (specify) _____	_____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY		Completed (if applicable)	
Name (Print/Type)	Randall S. Wayland	Registration No. (Attorney/Agent)	36,303
Signature			Date 9/23/03